

Web Application Development

Exercises 04

Practicing CRUD, MongoDB, Views, Controllers, Model

STEP 1 Create the MongoDB Database and Table:

- "Week 4: Intro To MongoDB & Mongoose"
- "1 - Intro to MongoDB (22 min)"

1.1 - Load MongoDB:

```
mongod
```

1.2 - Run MongoDB CLI:

```
mongo
```

1.3 - Activate database:

```
use academic
```

1.4 - Insert student records:

```
db.students.insert({"username" : "30945598", "firstName" :  
"John", "lastName": "Smith", "email": "john_smith@gmail.com"})
```


```
db.students.insert({"username" : "39326745", "firstName" :  
"Paul", "lastName": "Simon", "email": "paul@simon.com"})
```

```
db.students.insert({"username" : "32867826", "firstName" :  
"Mary", "lastName": "Jane", "email": "mj@awesomecompany.com"})
```

 **INSIGHT:** If you need to see all records:


```
db.students.find()
```

```
db.students.find().pretty()
```

 **START:** Code can be found on "exercises04.zip".


STEP 2 Implement the Student Controller Properties to perform the actions required to list, update, create and delete students:

- "Week 5: Express CRUD and Restructuring for MVC"
- "2 - Express CRUD 2 (30 min)"

 **START:** Your work needs to be done with the file: `/controllers/student.js`

STEP 3 Implement the Views:

- "Week 5: Express CRUD and Restructuring for MVC"
- "2 - Express CRUD 2 (30 min)"

 **START:** Your work needs to be done with the files:

- `/views/student/list.js`
- `/views/student/add.js`
- `/views/student/edit.js`